



MISSION: INTEGRATION

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NEWSLETTER

JANUARY 2023

HANFORD MISSION
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MISSION: MOTIVATION

Our teams work diligently to maintain motivation and exceed expectations throughout the year.



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OFFICE OF THE PRESIDENT



As we enter 2023, I hope you take this opportunity to reflect on both personal and collective successes from the last year and set goals for the coming months.

This new year will bring new challenges, but also new opportunities. It is crucial to maintain our motivation and drive to achieve and exceed our expectations. I believe that by embodying our HMIS values, while remaining proud but not satisfied, we will continue to be successful in our mission.

I urge everyone to set clear and achievable goals for themselves and to remain proactive and progress focused. Remember, our success as HMIS depends on the collective efforts of every one of us.

I am proud of our achievements and confident 2023 will be another year showcasing why we are an integral part of the One Hanford mission. I look forward to our continued success!

Stay focused and stay safe.

Bob

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Guest Message – Clint Donley

I was asked to talk a little bit about motivation. After nearly 30 years at Hanford, what fundamentally motivates me really hasn't changed.

When it comes to motivation, trust me, we all have something in common. Regardless of your role or where you are in your career, we are motivated and engaged by recognition of what we contribute every day, in both personal and professional roles.

The importance of how we are recognized may differ, depending on where we are in our various roles. It may shift from more informal, like a show of appreciation or gratitude, to something more formal, like increased compensation or promotion. All forms are essential to ensuring each of us knows the value of our efforts.

So how do we know what's going to be most meaningful to those around us? I strongly

believe, regardless of whether you are working with a left-brain thinker, a right-brain imaginer, or all those in between: communication and trust are key.

It doesn't matter who you are or what role you play at HMIS, take a moment to engage those you work with. Have a genuine conversation to understand who they are and what's important to them. Always be kind and give honest, transparent feedback. Foster enthusiasm and ambition, fuel initiative and drive, and ensure everyone's contributions receive recognition commensurate with their achievements.

For me, I have always been motivated by the fact that I know my efforts do not go unnoticed. My contributions add value to those on my team (who I rely on so much), and my organization plays a critical role in the cleanup mission at Hanford.



RECOGNITION

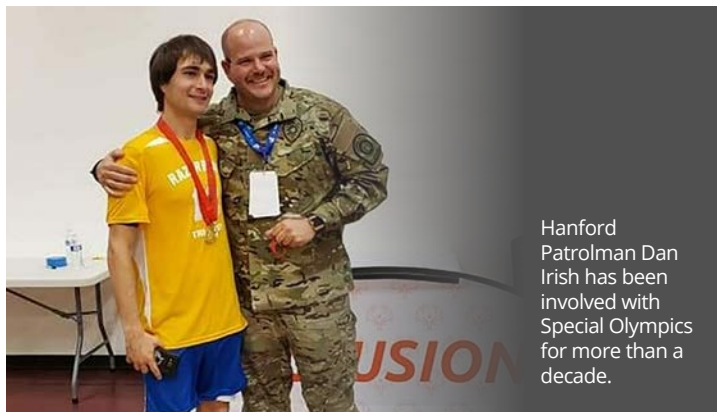


VOLUNTEER SPOTLIGHT: Dan Irish & Jared Betker

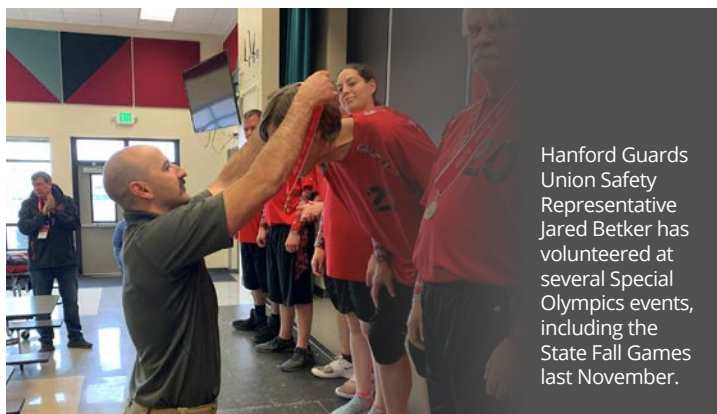
To say that the Special Olympics holds a special place in the hearts of Dan Irish and Jared Betker would be an understatement. Both HMIS employees have given their time volunteering countless hours with Special Olympics Washington.

Irish got started with Special Olympics 11 years ago when he participated in the annual Law Enforcement Torch Run fundraiser as a Hanford patrolman. Since then, he has taken on a leadership role, organizing that event and the annual Polar Plunge fundraiser. "I really enjoy helping out and organizing these events and it's helped us build better relationships with all the law enforcement agencies in the area," Dan shared. "We all have a passion to help these kids."

In 2019, Dan helped bring the Special Olympics State Fall Games to the Tri-Cities for the first time. He recruited Hanford Guards Union Safety Rep Jared Betker to join the fun and Jared has been involved with several Special Olympics events since then, including this year's State Fall Games in the Tri-Cities. "It's a great organization and I just love seeing the excitement and enjoyment on the athletes' faces. I love being involved and seeing how great these individuals are," Jared added.



Hanford Patrolman Dan Irish has been involved with Special Olympics for more than a decade.



Hanford Guards Union Safety Representative Jared Betker has volunteered at several Special Olympics events, including the State Fall Games last November.

Thank you, Dan and Jared, for your dedication to this worthy cause and your inspiring efforts to make our community a better place for everyone.

RECOGNITION



Volunteer of the Quarter



Our HMIS Family of volunteers is simply the best! Since the start of the new contract, 298 HMIS employees, subcontractors and their loved ones have donated more than 850 hours of time to help at 18 HMIS-organized volunteer events, supporting local organizations like Second Harvest, Mid-Columbia Meals on Wheels, Habitat for Humanity and several others.

This month, we want to recognize a member of our HMIS Family who consistently makes a commitment to volunteer her time: Suzanne Johnson. Suzanne has volunteered at several events over the last year, including our Second Harvest food sorts and the Bikes for Tikes build event. Suzanne will often bring along her good friend, Lisa Pasley, a recent Hanford retiree.

"I really enjoy volunteering because I can help improve the quality of life for others while building stronger relationships with the people I work with," Suzanne shared. "Giving up a few hours a month to help with even the smallest tasks can really make a difference in our community."

To recognize our Volunteers of the Quarter, HMIS will make a \$250 donation to the non-profit 501(c)3 organization of their choice. For this quarter, Suzanne asked that the contribution go to the Make-a-Wish Foundation.

We are so proud of our HMIS Family and their commitment to serve our community. Thank you!



Hanford Virtual Tour Changes with the Site

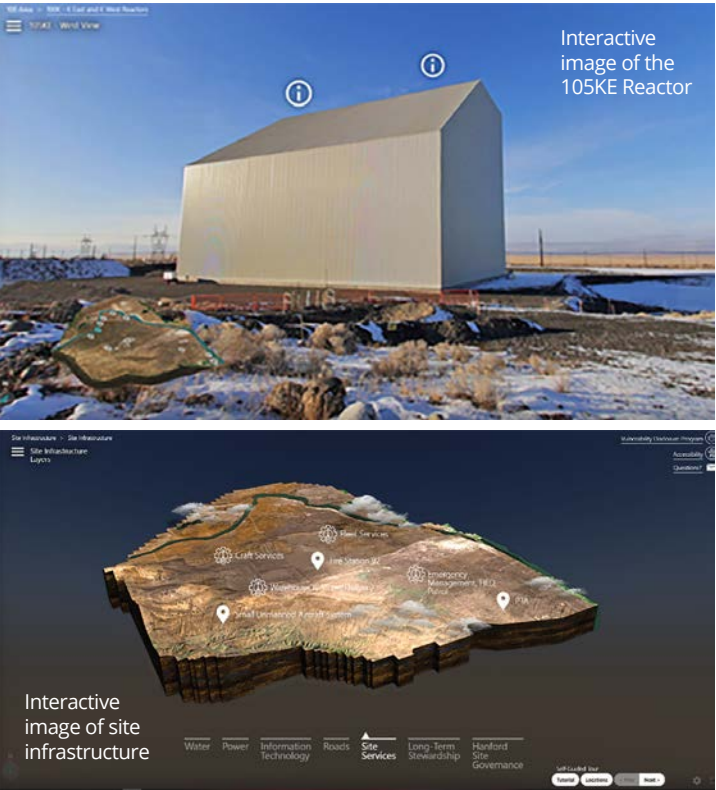
Contributor: Jill Harvill

The **Hanford Virtual Tour** website is routinely updated to keep up with cleanup progress on the Site. Launched in 2020, the website's initial purpose was to provide education and transparent cleanup progress to our stakeholders when Site tours were suspended due to COVID-19.

Today, the virtual tour continues to provide a one-of-a-kind experience of the Hanford Site. It's commonly used as a resource for Site tours, meetings, schools, presentations and various other media.

Two of the biggest visual changes to the Site are the newly cocooned **105KE Reactor** and the new **Central Plateau Water Treatment Facility**. Updates were also made to the Self-Guided Virtual Tour that highlights key cleanup projects.

As the Site integrator and provider of support services, our HMIS work is everywhere. On the virtual tour, it's represented on the **Site Infrastructure** page, by a gear icon on various other pages and on specific tour stops that discuss HMIS' scope.



Pipe Burst Calls in Crews Over Christmas

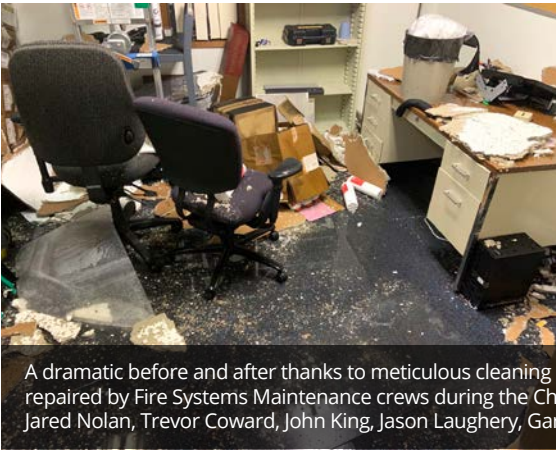
Contributor: Robin Wojtanik

The seemingly never-ending deep freeze that plagued the Hanford Site throughout December led to broken pipes and a huge mess at an office building in 200 East during the holiday weekend.

Multiple crews rushed in on the Friday before Christmas after Hanford Fire was alerted to a sprinkler issue at 2727E. It's likely the low temperatures led to a pipe breaking in the ceiling above two offices.

The responding firefighters isolated and drained the system to prevent further damage. Fire Systems Maintenance made repairs to two broken fittings and a few sprinkler heads, returning the system to service at the start of the new work week.

Despite these repairs, the offices were far from in working order. Our Custodial



A dramatic before and after thanks to meticulous cleaning by our Custodial Services team after a broken pipe was repaired by Fire Systems Maintenance crews during the Christmas weekend. Office tenants from left, Chris Fairchild, Jared Nolan, Trevor Coward, John King, Jason Laughery, Garrison LaMarche and Brent Jones.



Services team took over the job from there, restoring the offices to an impressive "after" condition (see photos!).

"We really want everyone to know how much we appreciate them," said Chris Fairchild, building administrator for 2727E. "This was a major effort involving many teams who came together during a holiday weekend. We're so grateful for their hard work to get us back functioning as quick as they did. It's obvious everyone takes pride in their work and the outcome was an amazing job. Many thanks from Technical Security!"

It's another example of how there's never really a full closure day for every member of our team. The repairs pulled many people away from their time with family over the holiday weekend and we're grateful for their ongoing dedication to the One Hanford mission.



Pipefitter Michael Stong installs a new sprinkler head in a building at the Effluent Treatment Facility.



Pipefitters Tamey Harrison (left) and Michael Stong prepare sprinklers for installation.

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Wide-Open Spaces Offer Opportunity

Contributor: Robin Wojtanik

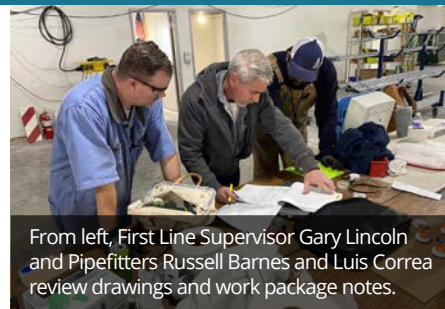
The midst of a renovation is often the perfect time to access those hard-to-reach places that are challenging to get to when everything is put together normally. That's why reconstruction at the Effluent Treatment Office Building gave our Fire Systems Maintenance team just the right opportunity to replace every sprinkler head in the building – in a single day!

The sprinklers were due for testing or replacement anyway, so timing it with the renovation worked ideally for both our teams and WRPS. Construction contractors removed all the ceiling tiles – giving our crews an easy reach to sprinkler piping. To take advantage of this wide-open opportunity and complete the job

efficiently, FSM sent in two crews to replace all sprinkler heads, relocate two sprinklers and add structural bracing on some piping to shore up original design deficiencies.

First Line Supervisor Gary Lincoln summed it up perfectly, “With good planning, contractor cooperation and the Fire Systems Maintenance crew, it’s easy to be successful!”

Once the rest of the construction finishes on the building, FSM will complete testing of the replacements to check for leaks and restore the fire system to full operation.



From left, First Line Supervisor Gary Lincoln and Pipefitters Russell Barnes and Luis Correa review drawings and work package notes.

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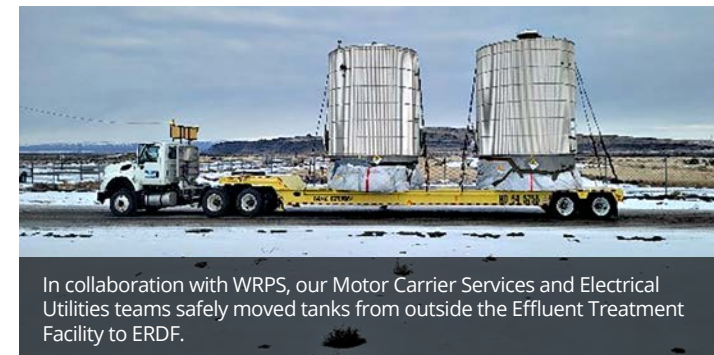
Tanks Disposed by HMIS Teams

Contributor: Robin Wojtanik

A pair of large tanks – nearly two stories high – are safely at the Environmental Restoration Disposal Facility thanks to our Motor Carrier Services team! The group operating at Hanford's tank farm worked closely with WRPS to complete the successful transport to support future wastewater treatment.

The abandoned tanks weighed more than five tons each. They were outside the Effluent Treatment Facility's wastewater load-in station and once held liquid waste before it was sent to the ETF. WRPS is working to expand wastewater treatment capacity and the two tanks had to go.

In the next phase of the project, the load-in station will be gutted, and new equipment added. A new backup load-in station will



In collaboration with WRPS, our Motor Carrier Services and Electrical Utilities teams safely moved tanks from outside the Effluent Treatment Facility to ERDF.

begin receiving wastewater tankers and the new platform will be extended to allow tanker trucks to fit inside for unloading.

Motor Carrier Services began planning for the project last summer to move the tanks to ERDF. Once WRPS and its subcontractor safely disconnected the tanks from the station, they could be loaded up for transportation. With the support of our Electrical Utilities team, the move was set for late December.

EU mapped out a route that included the fewest number of overhead power lines they'd need to raise to avoid getting caught on the tanks loaded onto the trailer. Our EU and Motor Carrier teams drove the route in advance to make sure the path was familiar to everyone involved.

Loaded up, the transport took about 45 minutes and traveled about seven miles. Our skilled linemen make it look simple to lift power lines safely, but it's highly dangerous work. The job was completed with help from five teamsters and five linemen. The tanks' removal allows WRPS to prepare for DFLAW.



ONE HANFORD

Making Progress on New Water Treatment Plant

Contributor: Shane Edinger

Crews with HMIS and subcontractor Fowler Construction continue to make great progress on the new Central Plateau Water Treatment Plant in 200 West. The building structure is now complete, and crews have started putting up the metal siding, door frames and window frames that will form the outer walls.

Inside the building, workers are in the process of applying an epoxy coating on the concrete pedestals and containment areas where the facility's tanks will sit. Despite some cold and icy conditions in December, the project continues to move forward on schedule. "The weather might've slowed us down for a day or two, but it really wasn't noticeable," shared Mark Walker, HMIS' director of Construction, Testing & Commissioning. "The project has really hit its stride and we're making good progress."



This aerial photo shows the structural steel shell of the Central Plateau Water Treatment Facility.

Walker adds that portions of the roof have also been installed but "we can't finish the roof yet because we need to use a crane to install the tanks. Once we get the tanks installed, we'll be able to



Crews have started constructing portions of the building's roof.



Workers are currently applying an epoxy to the concrete pedestals where the facility's tanks will sit.

finish the roof and then get started with the interior, including the installation of the PALL® filtration system." Components for the innovative hollow fiber microfiltration system arrived in several truckloads and are currently getting inventoried in an off-site warehouse. Installing the new filtration system will take several months to complete.

Once the building is operational, the 10,000 square-foot facility will provide a minimum of 3.5 million gallons of water a day, supporting the water needs of Central Plateau operations, including the Direct-Feed Low-Activity Waste program.

ONE HANFORD

New App Details Building Info

Contributor: Robin Wojtanik

Need to know the location of a building, the assigned contractor, the name of the administrator, or any one of a number of other specifics? The Facility Information and Number Database has you covered!

The FIND application was created by our Maintenance Management Programs team and North Wind Solutions. It tracks Hanford Site facility numbers and manages the comprehensive list of all Site facilities – totaling about 8,000 records. The FIND app fills a need for DOE to track and manage all facilities at Hanford, whether current, historical, onsite or offsite.

The new app replaces a few previous applications, including the facility number and change request apps and the software called Caretaker II. “Written in current code, FIND allows functionality and expandability,” said Jeff Stachofsky, director of Maintenance Management Programs. “During development, we replaced the commercial off-the-shelf software and incorporated two additional applications, reducing the overall number of apps used.”

Once the FIND app was complete, the Cyber Vulnerability Management team noted the “huge benefit” of retiring the previous system and removing potential vulnerabilities, “reducing cyber risk on our network.”

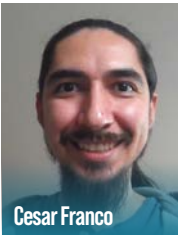
The database lets you request a new facility number, report facility changes, view facility information, available facility photos and location on Site. As part of the intranet, no login or password is required.



Adriana Zarate



Brett Holte



Cesar Franco



Dale Wilson



Donna Buzar



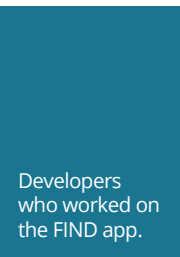
Josh Grubbs



Stephanie Lathim



Jeff Stachofsky



Developers who worked on the FIND app.



Kymberli Popham



Kyle Hintz



More than two dozen current HMIS interns participated in the panel discussion organized by the Workforce Resources & Development team.



Electrical Utilities Projects & Program Manager Matt Parkhill (left) shares some of his experiences in the Co-Op Intern program during a recent panel discussion with current interns.

MISSION: MOTIVATION

Sharing Insights with HMIS Interns

Contributor: Shane Edinger

HMIS’ Co-Op Intern Program gives college students the opportunity to gain experience in their field of study while supporting our need to meet current and future business objectives. Recently, this year’s group of interns spent time talking with several HMIS leaders who got their start here at Hanford as interns themselves.

Vice President of Workforce Solutions Julie Lindstrom, Site Baseline Systems Director Jeni Mason, Electrical Utilities Projects & Program Manager Matt Parkhill and Engineering Director Drew Thomas led a

panel discussion with the group, sharing some of their experiences as interns and how the opportunity helped them find full-time careers on Site.

“Participating in an internship program as a student opened doors for me at Hanford that I didn’t know existed,” Lindstrom shared. “I was able to learn from some incredible leaders who invested in me and helped me develop my skills. I want others to have that chance as well.”

“It’s nice to provide some perspective to these interns, to show them there are good jobs available and attainable after you’re done,” Parkhill added. “The internship gets your foot in the door and gives you a chance to show people who you are. It may

not lead directly to a job with that group, but there’s a good chance it will lead to a good job somewhere down the line.”

The students came away with great information and some confidence that their hard work will pay off. “It’s cool to see how HMIS recognizes that college students are the next generation of the workforce,” said Macie Pichette, who’s currently interning with the Internal Audit group. “They really invest in us and I’m excited about what the future holds.”

The panel discussion was part of an intern professional development day organized by Workforce Resources & Development, which also included a team dynamics exercise.



Clearing space in the 2101M warehouse makes room for future storage needs.

MISSION: MOTIVATION

New Year, New Space

Contributor: Eric Fairchild

It's out with the old and in with the new as our Property Management team is motivated to purge unneeded, and sometimes expired, materials from Hanford Site warehouses. This opens up much needed space for incoming material and spare parts, including those that will support various projects like DFLAW.

This was the case recently when CPCCo identified a couple hundred HEPA filters with an expired shelf life. CPCCo researched the filters and declared them as excess. Once the proper documentation was received, our 2101M Warehouse storekeeper crew got to work.

They cleared 25 pallets at 2101M, which are now ready to store current inventory in support of Hanford's mission. "Every little bit helps," said Bill Shoemake, manager of HMIS Property Management. "Steady progress is being made in collaboration with our One Hanford partners to rid the shelves and aisles of antiquated material, freeing up much needed space for future use."



Storekeeper Jake Morgen moves HEPA Filters in the warehouse.

MISSION: MOTIVATION

New Activities Test Respiratory Students

Contributor: Robin Wojtanik

First they created an escape room, now a scavenger hunt and puzzle. HAMMER's Respiratory Protection Program team is motivated to revise curriculum to keep it relevant for students, while also providing multiple opportunities to learn the limits of respiratory protection equipment.

The prior curriculum revision included an escape room for the self-contained breathing apparatus portion of the training. The worker trainers' latest change produced a hands-on scavenger hunt which challenges students to work in groups and solve riddles based on learning objectives.

"This creatively reinforces learning objectives and provides an opportunity to experience and overcome the equipment limitations, such as communication, mobility and visibility," said HAMMER Director Paul Vandervert.



HAMMER staff collaborated with carpenters, sign painters and the metal shop to build this life-sized prop used for training.

Student proficiency is also tested by having them complete a puzzle while wearing a supplied air line respirator. They must work together using long reach tools to retrieve puzzle pieces



Students in the respiratory protection program class at HAMMER take part in a scavenger hunt while learning safety skills.

from a small pit and move them to another location where they collaborate to assemble the entire puzzle. The team must communicate effectively and manage air hoses properly to successfully finish the task.

Thanks to our carpenters, sign painters and metal shop who built the puzzle framework and laid the picture onto each piece. Worker trainers in the program also added lessons learned from an actual incident that occurred in a Texas oil field. Small group discussions look at the safety violations and ways the Hierarchy of Controls might have saved lives.

As part of the training, instructors discuss job hazards and emergency response with the goal of promoting worker health and safety.



Meet the team! From left, Heidi Pickard, Katie Rodriguez, Andrew Grissom, Isidro Mendoza, Randy Fox, Christina DeLeon, Chance Overholt, Jonah Davies and Michael Brownlee.



One of the 22 landmark signs created by the sign shop. This sign features information about the 300 Area.

MISSION: MOTIVATION

Team Focus: Sign Painting Services

Contributor: Cerise Peck

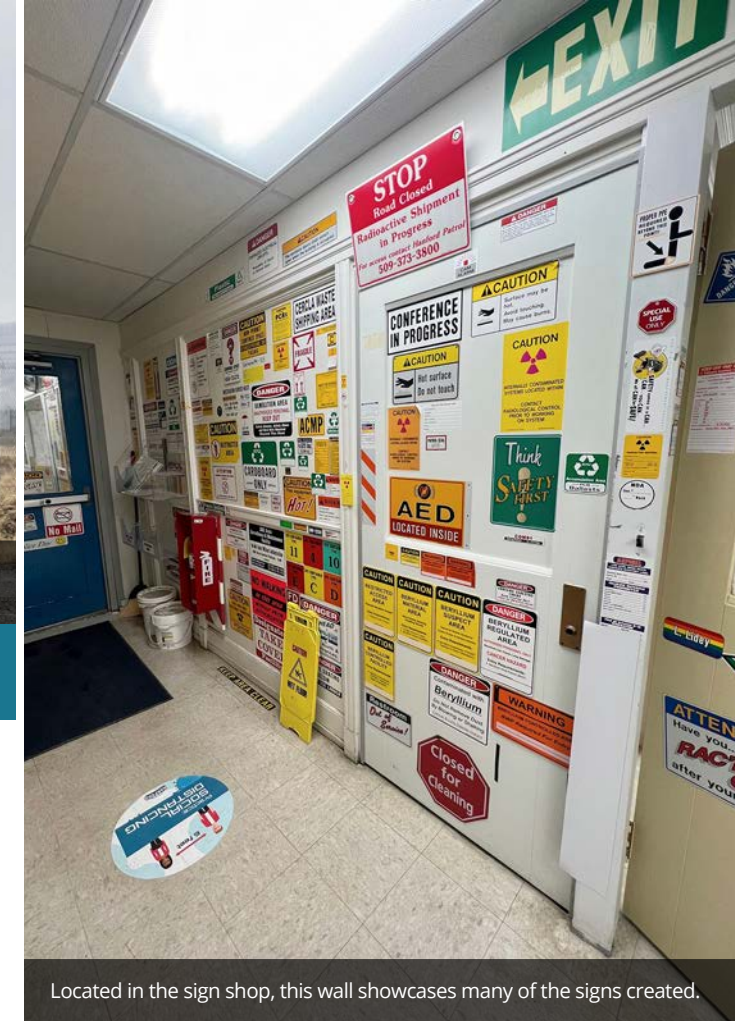
“Sticker licker” is an unfamiliar term to most, unless you work in the sign shop. In fact, they aren’t stickers, the proper term is decals. Led by Supervisor Jonah Davies, the Sign Painting Services team of eight does so much more. They have a large list of capabilities that allow them to produce multiple products – not just decals and, no, they don’t lick them.

“One of our largest projects was the landmark signs,” said Michael Brownlee, manager of Painting and Signage Services. “Those are the signs you see on the side of the road identifying a landmark such as a reactor. The signs needed to be visible from the roadway, therefore large and easy to read.” Brownlee, supported by sign painters, painters, and carpenters, created 22 landmark signs, 8 feet by 12 feet in size. The signs are now located throughout the Site, landmarking locations and helping visitors identify and learn about key places at Hanford.

Partnering with the teamsters last summer, the group also replaced “No Trespassing” signs along the Columbia River

shoreline. “It was certainly a unique task for us,” said Davies. “No day is the same around here and getting out on the boat was a task we were excited about.”

Far from the times of hand-painting Hanford Site signs, this group uses computer software and current technology to get the word out. They can print, paint and, yes, decal just about anything. The entire team works diligently to ensure all projects they tackle are completed with the highest of quality in the shortest amount of time possible. From the tags on fire extinguishers to extra-large road signs, this team has some extensive capabilities!



Located in the sign shop, this wall showcases many of the signs created.



Bagging Books to Inspire Young Readers

Contributor: Dustin Arbogast

More than 20 HMIS employees and their loved ones started the new year off right, helping with the Children's Reading Foundation of the Mid-Columbia's Resolution Read program. In less than two hours, volunteers labeled and bagged more than 6,000 books, enjoying a little friendly competition along the way.

Resolution Read asks families to commit to reading with their children for at least 20 minutes a day. To support this, HMIS proudly sponsored the purchase of 6,000 books, then helped to deliver hundreds of bags filled with books to local families. The books vary in subject and reading level, inspiring readers to find what they love and read more at their school or community library.

If you'd like to volunteer with us, keep an eye on the Mission Insight weekly newsletter for more HMIS Family opportunities.

